



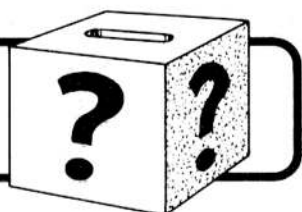
# NUCLEAR DIVISION NEWS

A Newspaper for Employees of the Nuclear Division, Union Carbide Corporation

Vol. 6 — No. 4

February 20, 1975

## QUESTION BOX



If you have questions on company policies, benefits, etc. or any other problems with which we might help, just let us know. Drop your inquiry to the Editor, **Nuclear Division News**. (Or telephone it in to your plant news representative.) You may or may not sign your name. It will not be used in the paper.

Questions are referred to the proper authorities for accurate answers. Each query is given serious consideration for publication.

Answers may be given to employees personally if they so desire.

**QUESTION:** If a person is off sick for two weeks, and under a doctor's care, is he or she penalized by their earned salaries being withheld or not going into effect for a month or longer?

**ANSWER:** The Company has a salary continuation plan for salaried employees whereby wages are paid for specified periods of time during an illness. Time between increases in salary is normally extended if the absence exceeds one month.

**QUESTION:** Can a supervisor change your job without giving you a salary increase or changing your classification? I am a clerk-typist, at least that's what they have on my personnel records. But I take some shorthand and do other secretarial duties for my supervisor. Now he says he can change my duties or my job "a little" without giving me an increase in pay or changing my classification. Can he do this?

**ANSWER:** Individuals are classified according to the primary purpose of the job and their job assignments. It is possible for a supervisor to make minor changes in job assignments without affecting an individual's job classification. The job duties of the clerk-typist classification do include some stenographic and general secretarial assignments. If you feel you are improperly classified, ask your supervisor to have your job reviewed by the salary administration office.

**QUESTION:** I don't take advantage of benefits provided by the Company. There are times, however, when I have personal matters to take care of. Generally my requests for personal leave consist of taking one of my children to the doctor or the dentist. Since the Company allows 15 days per year for personal leave, why am I made to feel like it is a crime to take a couple of hours off to take care of my family? These events cannot always

be scheduled outside of working hours. Once this year, I used one-half day of vacation for a doctor's visit. I don't feel that I should have to do this.

One other thing that bothers me about personal time off is the inconsistent way it is handled. One supervisor will not tolerate any of his employees using personal leave while another hands it out right and left; and, of course, the one who tries to do it fairly is usually the exception.

**ANSWER:** Consistent and uniform administration of personal time off is recognized by everyone as a difficult problem. This is not surprising in view of the large number of supervisors involved and the endless variety of circumstances which prompt employees to request personal time. The 15 days maximum personal leave with pay provided by Company policy to salaried employees should not be construed as providing 15 days per year regardless of circumstances. Time off under this policy should be taken only for necessary personal business which cannot reasonably be taken care of during nonworking hours. The average employee takes less than two days per year personal leave with pay.

Without knowing all of the facts in your case we cannot judge whether your supervisor may be unreasonably restrictive. There should be no question about getting personal leave in connection with doctor or dentist visits, if they cannot be arranged outside of working hours, provided there are not too many such cases. If you have several children and they all require care of doctors and dentists, it is not at all unreasonable for you to take part of your vacation at times to take care of these matters.

We are at the present time preparing guidelines which will be issued to supervisors to bring about more uniform administration of the personal leave policy throughout the Nuclear Division.

(Continued on page 10)

## How much do employee benefits cost Company?

How much does the Company spend for employee benefits for each payroll dollar?

If you knew the answer to that question prior to the distribution of the J.Q. Carbide reports, you were an exception to the rule. An informal poll of Nuclear Division employees taken about a month ago showed that most employees really had no idea how much was being spent.

Even after the distribution of J.Q. Carbide reports, most employees still would not realize the total cost. The cost shown on the J.Q. Carbide reports did not reflect costs associated with most pay for time not worked, such as vacations and holidays.

The fact of the matter is that in 1973 the Nuclear Division spent 36-1/2 cents for so-called "fringe benefits" for every payroll dollar. Of this amount 14 cents was for vacations, holidays, and pay for other time not worked and was actually included in the payroll dollar. An additional 22-1/2 cents was required to pay for pensions, social security, hospitalization, life insurance, savings plan and other items. This breakdown is shown in the pie-chart accompanying this article.

How does this figure of 36-1/2 cents compare with other contractors for the U.S. Energy Research and Development Administration? The table on page 10 shows what the Nuclear Division spent in calendar year 1973 for various benefits compared to expenditures by all USERDA contractors. As you can see, approximately 5 cents more per payroll dollar (36.4 cents vs. 31.4 cents) was spent in the Nuclear Division.

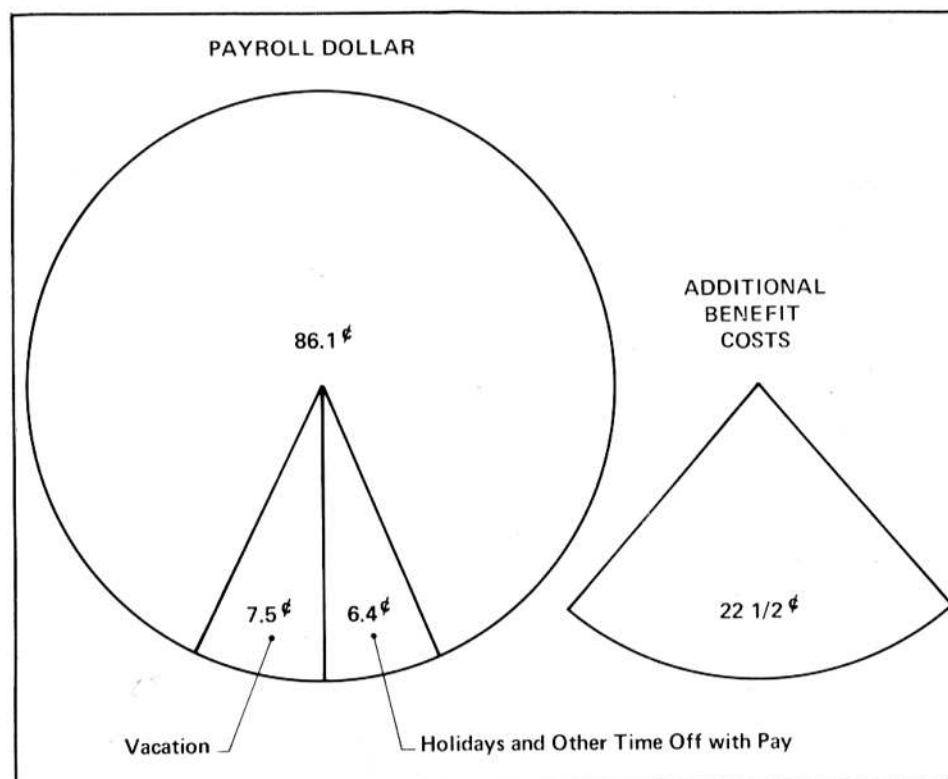
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### EDITOR'S NOTE

This is the first in a series of articles, showing many of the costs of our so-called "fringe benefits," or what many refer to as an extra salary.

A 1973 chart accompanies this story on page 10, showing how Nuclear Division benefits compare with those from other Energy Research and Development Administration contractors.





# Nuclear Division Office Guide widely used for reference

What does the acronym IMOG mean? How many people will the C-100 auditorium at the Paducah Gaseous Diffusion Plant seat? On what date will Good Friday fall in 1978? Where is Building K-1035 at the Oak Ridge Gaseous Diffusion Plant? How do you post jury duty on a time card?

These and a myriad of other questions are answered in the recently published NUCLEAR DIVISION OFFICE GUIDE, which supersedes all office handbooks previously issued by individual installations.

## Easily updated

The Guide was designed for easy updating and supplementing and is to be maintained as an accurate and up-to-date instrument.

Distributed to office personnel throughout the Nuclear Division, the Guide is aimed at the encouragement of professionalism in administrative tasks confronted daily. Its use is expected to bring about a more unified and efficient operation in Division offices. It is not a manual which outlines in detail how to sharpen a pencil or find your way to the Cafeteria. It is an overview of methods of operations in the four installations and a suggested standard for accomplishing office duties and routines.

The massive collection of data was compiled at the request of Roger F. Hibbs, President of the Nuclear Division, and through the offices of a four-installation committee, chaired by Kenneth W. Bahler, Assistant to the Division President. The Division Systems and Procedures group, various Division service organizations and numerous other managers and office personnel also made significant contributions. Current installation and general staff committee representatives are: Bert Catron, head of the personnel development department of the Employee Relations Division at HNL; Bobbye Curtis, secretary to Robert A. Winkel, ORGDP; Marigrace Kirstowsky, secretary to Roger F. Hibbs, GS; Betty Lester, secretary to Clyde C. Hopkins,

PGDP; and Kay Steed, secretary to Jack M. Case, Y-12.

## Questionnaire sent

A questionnaire inviting comments has been distributed to all recipients. Holders of the Guide are again urged to submit suggestions.

Broken down into 10 sections, the Guide is indexed for ready reference. The sections include: Company Practices and Procedures, Office Management, Preparation of Correspondence and Reports, Handling Mail, Timekeeping and Payroll, Records Management, Travel, Services Frequently Requested, Other Forms Frequently Used, and Reference Data.

The Guide does not replace standard reference guides around the installations such as the Standard Practice Procedures, the Classified Information Manual, You at Union Carbide, or Plant Emergency Manuals. It is a supplement to these and other manuals, detailing information not included in the others.

## Reference data

Reference data in the final chapter of the Guide consist of a Nuclear Division, as well as a Union Carbide Corporation organization chart; ND and Energy Research and Development Administration personnel reference lists; signature styles for installation and General Staff officials and addresses of Nuclear Division and other governmental contractors in the area; a Knoxville-Oak Ridge map; initialisms, acronyms and abbreviations; tables of metric prefixes, mathematical symbols and weights and measures; source books and other helpful material; periodic table of elements; symbol of chemical elements; proofreaders' marks; Greek alphabet and numerals; Roman and Arabic numerals; two-letter state abbreviations; time zones in the United States; calendars from 1800 to 2050; Nuclear Division holidays for 1974 through 1978; as well as installation conference rooms, lists of accounts, area maps and organization charts.



Bert G. Catron



Bobbye W. Curtis



Marigrace W. Kirstowsky



Betty Lester



Kay O. Steed

## PATENTS

To Robert E. Hewgley Jr., Y-12, and Michael S. Tuckman, formerly of Y-12, for "Phase Displacement Detection System."

To Jerry L. Cadden and Fred A. Harris, both of Y-12, for "Method of Casting a Consumable Electrode."



REVIEW OFFICE GUIDE — One of the three sessions at the Paducah Gaseous Diffusion Plant where the new Nuclear Division Office Guide is reviewed is seen in session above. Clyde C. Hopkins, Manager, spoke briefly to the group, as his secretary, Betty Lester, answered questions on the Guide.

## BENEFITS BOOKLET

The report, "Your Benefits at Union Carbide," described in the January 23 issue of NUCLEAR DIVISION NEWS, has been mailed to all full-time permanent employees who were on the payroll at Oak Ridge and Paducah on December 31, 1974.

Employees who have not received their personal copy should contact their Benefit Plans Office.



# Allen, Conner, Guilliams, Holt, Mullins, Neely, Powell promoted

Seven recent promotions have been announced at the Oak Ridge Gaseous Diffusion Plant.

Robert D. Allen has been promoted to a fire and guard lieutenant in Security and Plant Protection.

A native of Sevier County, he served with the Clinton Fire Department before joining Union Carbide last year.

Married to the former Sandra Smith, Allen lives at Route 6, Ridgeview Drive, Clinton. The couple has two children, Nancy and Melynda.

Gary D. Conner, has been promoted to a process foreman in Operations.

Born in Lenoir City, Conner joined Union Carbide five years ago at the Holifield National Laboratory. He attended The University of Tennessee.

Mrs. Conner is the former Patricia Sherwood and they live on Turman Drive, Lenoir City. They have two children, Richard and Angela.

Larry E. Guilliams has been named a custodial foreman in Fabrication and Maintenance.

A native of Knoxville, Guilliams is attending evening classes at UT. He joined Union Carbide in 1967, and prior to that was with the Wallace E. Goodwin Construction Company, Knoxville.

Mrs. Guilliams is the former Patsy Lee Martin. They have three sons, Scott, Timmy and Allen, and live at 208 Bunker Lane, Oak Ridge.

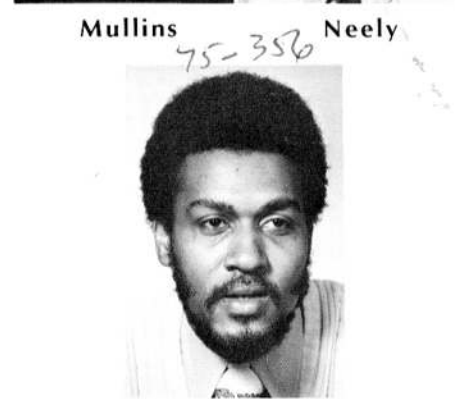
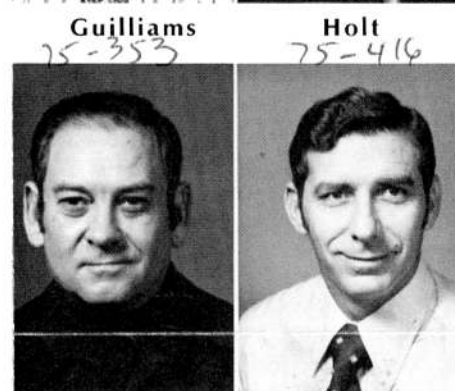
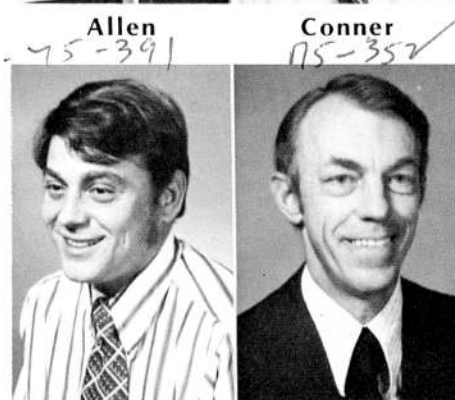
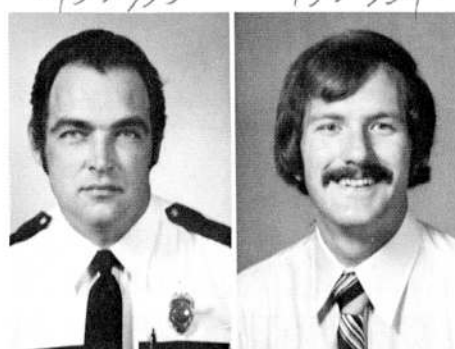
Jackie A. Holt has been promoted to an electronic data processing supervisor in Computer Sciences.

A native of Clinton, Holt attended Lincoln Memorial University and UT. He joined Union Carbide in 1958.

Mrs. Holt is the former Brenda Hibben, and they live at Route 4, Lazy Acres, Powell, with their two children, Sandra and David.

Billy R. Mullins has also been named a custodial foreman in Fabrication and Maintenance.

A native of Lee County, Va., he served in the U.S. Air Force and in the



Mullins Neely

Powell

## FORMER ORGDP MECHANIC

James C. Bunch, who retired from the Oak Ridge Gaseous Diffusion Plant in 1972, died February 1. He was a refrigeration mechanic in the Fabrication and Maintenance Division for more than 27 years. Survivors include his wife, Erma Bolling Bunch, 109 East Geneva Lane, Oak Ridge; two sons, Bill and Ron; two brothers, seven grandchildren and one great-grandchild. Funeral services were held in Oak Ridge, with burial in the Sulphur Springs Cemetery.

## ORGDP RETIREE DIES

Robert F. Elder, retired shift supervisor in the Maintenance Division at ORGDP, died at his Cotton Port home February 1. Before joining Union Carbide he was employed by the Tennessee Valley Authority. Survivors include his wife, Mabel Kile Elder, a son, Robert F. Elder Jr., three grandchildren and two brothers. Services were held in Athens, with burial in Bethesda Cemetery, Decatur.

U.S. Marine Corps almost 28 years before joining Union Carbide in 1974.

Mrs. Mullins is the former Renee Jackson. They have two children, Mary and Wayne, and live at Route 3, Oliver Springs.

Gerald B. Neely has been promoted to a barrier foreman in Barrier Manufacturing.

Born in New Tazewell, he has been at ORGDP four years.

Mrs. Neely is the former Betty Ogan, and they live at 8201 Ewing Road, Powell, with their four children, Terri, Gerry, Micki and Debbi.

Robert C. Powell, Engineering, has been named an associate design engineer.

Born in Savannah, Ga., he holds a B.S. degree from Savannah State College. He served in the U.S. Army in Korea, and joined Union Carbide in 1973.

Mrs. Powell is the former Eodreana Hill, and they live at 8426 Dresden Drive, Knoxville.

# McCormick, Y-12, drafted by NFPA advisory council

John W. McCormick, fire protection engineer at the Y-12 Plant, has been appointed to the advisory council of the National Fire Protection Association (NFPA). He is among 99 persons elected to serve on the council which was recently approved by the board of directors. He will serve two years.

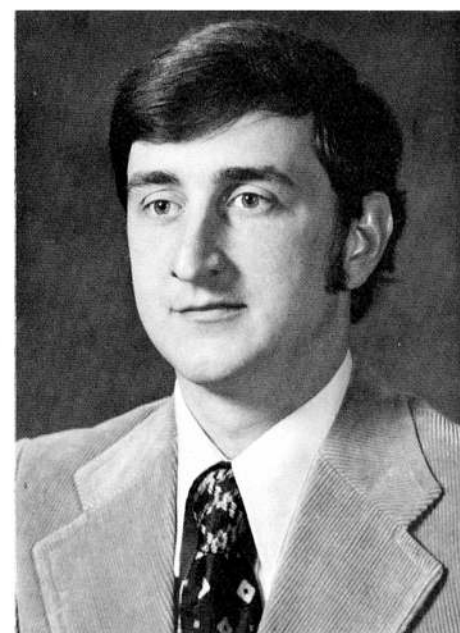
The council was organized to maintain and strengthen the relationship between NFPA members and the management of the Association, which is recognized as the nation's clearinghouse on fire information. The specific mission of the council will be to supplement NFPA's board input to help guide the Association's policies, activities and growth.

NFPA sets fire protection and prevention codes and standards. Another basic function of NFPA is educating the public to the hazards of fire. Over the years, NFPA has focused public attention upon such problems as fire danger in the home, escape planning, consumer tips to the public on the purchase of fire alarms and extinguishers, and dangerous design and construction practices in dwellings and buildings.

McCormick, a native of Keyport, N.J., has a bachelor's degree in fire protection engineering from the University of Maryland, and a master's degree in environmental engineering from The University of Tennessee.

## Many Approaches

Scientists seeking an answer to cancer are involved in many different kinds of studies—for example, virology (the study of viruses as a possible cause of cancer), cell biology and immunology (the study of the body's natural defense system). It's important to keep each kind of research going at top speed, say the American Cancer Society volunteers as they conduct the 1975 ACS educational and fund-raising crusade nationwide.



John W. McCormick

Married to the former Carol Ann Marino, he lives at 705 West Vanderbilt Drive, Oak Ridge.

In addition to his duties as a fire protection engineer, he is also a part-time teacher at Roane State Community College.

# Clocks roll back again February 23

Clocks will be rolled back again one hour Sunday, 2 a.m., February 23, as the nation returns to daylight saving time. Shift workers coming to work in the four Nuclear Division plants will report to work on standard time, and leave Sunday on daylight saving time.

Employees in the Oak Ridge area will observe Eastern Daylight Saving Time, while Paducah employees will mark Central Daylight Saving Time Sunday.

Unless Congress intervenes, the regular alternating pattern of daylight saving time for six months then standard time for six months will be observed until October.



ORGDP SAFETY AWARDS — Oak Ridge Gaseous Diffusion Plant employees have made their selections from the above awards for safety performances for 1974. Particularly outstanding was the period of 243 days, or 4,470,000 man-hours, worked without a lost-time accident.



## Beeler presented Sertoma's 'service to mankind' award

Norman L. Beeler, Plant and Equipment Division at Holifield National Laboratory, is recipient of the Oak Ridge Sertoma Club's "Service to Mankind" award for 1974-75. Beeler was presented the award on the basis of his outstanding work with the Oak Ridge Boys' Club, the Regional Mental Health Center and the Anderson County United Way.

Beeler was one of the people who arranged for the establishment of the Boys' Club in a rundown building adjacent to the old Museum of Atomic Energy. He spent several months cleaning, working on the plumbing and doing necessary carpentry work to make the building usable. He is currently on the Club's Board of Directors.

Beeler is also a member of the Board of Directors of the Regional Mental Health Center, and has served as its vice president. The Anderson County United Way prospered under his leadership. He served as president of the Board of Directors for two years, and prior to that was a member of the budget committee. In addition, Beeler is a member of the Oak Ridge Personnel Advisory Board.

A native of Grainger County, Beeler has worked at the Laboratory

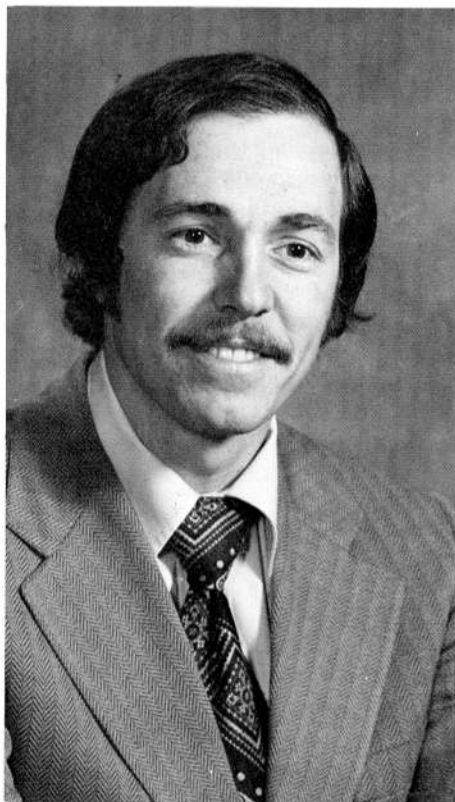


Norman L. Beeler

for more than 29 years. He served as president of the Atomic Trade and Labor Council for several years, and is currently first vice president.

Beeler and his wife, the former Ann Caldwell, reside at 695 Robertsville Road, Oak Ridge. They have four children: Robert Beeler, Ellen Brooks, Linda Galloway and Norma Ketner.

## Gary Riser appointed to head Lab's finance, budget group



Gary A. Riser

Gary A. Riser, manager of auditing for the Nuclear Division, Union Carbide Corporation, has been named superintendent of the finance and budget department, Finance and Materials Division, at Holifield National Laboratory.

Riser, who has been with Union Carbide for the last eight years, attended Norwich University in Vermont and in 1964 received a bachelor of science degree in industrial engineering from Pennsylvania State University.

He worked for a year with IBM in Manfield, Ohio, following which he attended Ohio University and Ohio State University where he received his master's degree in business administration.

Riser joined the Nuclear Division in 1967 and was assigned to Atomic Energy Combined Operations Planning where he performed analytical studies. He transferred to the Auditing Division in 1971. He is a Certified Public Accountant.

Riser is married to the former Marcia Dickinson of White Plains, N.Y. They and their two children live at 40 Montclair Rd., Oak Ridge.

### NUCLEAR DIVISION SAFETY SCOREBOARD

Time worked without a lost-time accident through February 12:

Paducah	190 Days	1,420,000 Man-Hours
Laboratory	68 Days	1,016,000 Man-Hours
ORGP	36 Days	672,000 Man-Hours
Y-12 Plant	72 Days	2,092,000 Man-Hours

## WANTED



### Y-12 PLANT

RIDE from Wellington Circle area, Oak Ridge, to Central or North Portal, straight day. Martha, Extension 3-5589, or 3-5732.

TWO RIDERS from South Knoxville, Chapman Highway area via Western Avenue and Oak Ridge Highway to any portal, straight day. Ed Cook, plant phone 3-7807, home phone Knoxville 577-4786.

CAR POOL member from Kingston to any portal, straight day. L.C. Vann, plant phone 3-7789, home phone Kingston 376-7548.

RIDER from North Knoxville, White Springs Road, Washington Pike, Norwood, Clinton Highway, Cherrybrook Subdivision, to East, North or Central Portal, straight day. J.F. Baker, plant phone 3-5935, home phone Knoxville 637-1769.

### LABORATORY

CAR POOL members from Wadell, West Outer or Pennsylvania Avenue areas, Oak Ridge, to East or North Portal, 8:15 a.m. shift. Tom Burnett, plant phone 3-6939, home phone 483-1975; or Dick Reed, plant phone 3-1801, home phone 483-3458.

JOIN or FORM car pool from Lovell Heights, West Knoxville area, to North Portal, 8 a.m. shift. Steve Landis, plant phone 3-5413, home phone, Knoxville 693-2923.

## D. D. Ausmus named HNL lab shift supervisor



Ausmus

Delno D. Ausmus has been appointed a laboratory shift supervisor on "B" shift in the Laboratory Shift Supervisors group at Holifield National Laboratory.

Before joining the Nuclear Division staff in 1963, Ausmus taught secondary school in La Follette. At the Laboratory, he has worked as an applied health physicist and as a health physics shift supervisor in the Health Physics Division. He received his bachelor's degree in physics at Berea College and has done graduate work at Memphis State University and The University of Tennessee.

Ausmus is a native of La Follette and is presently living there with his wife, Berta, and four children: Deborah, Pamela, Robert and Karen.

## State legislators met in Oak Ridge on energy briefs

Approximately 100 members of the Tennessee General Assembly convened in official session in Oak Ridge recently for an energy briefing. The official invitation was issued, and the sessions sponsored by the Roane-Anderson Economic Council; the Energy Research and Development Administration; Union Carbide Corporation, Nuclear Division; Oak Ridge Associated Universities; and The University of Tennessee, Institute for Public Service.

Some 40 members of the press, representing radio stations, newspapers and television stations, as well as representatives from the wire services, attended the briefings.

After an introduction by Tom Hill, President of RAEC, and Alvin K. Bissell, Mayor of Oak Ridge, opening remarks were given by Robert J. Hart, Manager, Oak Ridge Operations Office, ERDA; Roger F. Hibbs, President, UCC-ND; and Herman Postma, Director, Holifield National Laboratory.

### Sessions outlined

The briefings were presented by: Murray Rosenthal, Associate Director, Advanced Energy Systems, HNL, on "Energy Demand/Energy Resources;"

Alvin M. Weinberg, former Director, Research and Development Federal Energy Administration and former Director of HNL, "Present Policy;"

Rosenthal, again, on "Coal;" Floyd L. Culler Jr., Deputy Director, HNL, on "Nuclear Power;"

Gordon Fee, Director, HNL's Reactor Division, on "Nuclear Safety;"

Chester R. Richmond, Associate Director, Biomedical and Environmental Sciences, HNL, on "Public Health and Environmental Issues;"

And finally, Postma, speaking on "The Issues."

### Tour facilities

The lawmakers then split up in four groups and toured sites at the three Oak Ridge facilities. They toured the High Flux Isotope Reactor at HNL, one of the five research reactors in operation at the Laboratory. The key facilities conduct experiments on heavy, man-made elements.

At the Oak Ridge Gaseous Diffusion Plant, the legislators saw one of the operating cells in the K-33 building, part of the thousands of stages of gaseous diffusion where uranium is enriched from the U-235 isotope.

### Visited ORMAK

At the Oak Ridge Y-12 Plant, the Tennessee assemblymen saw pressure vessel testing, and visited the ORMAK, where thermonuclear fusion experiments are being performed, an important step toward the goal of controlling the energy force that powers the sun and stars.

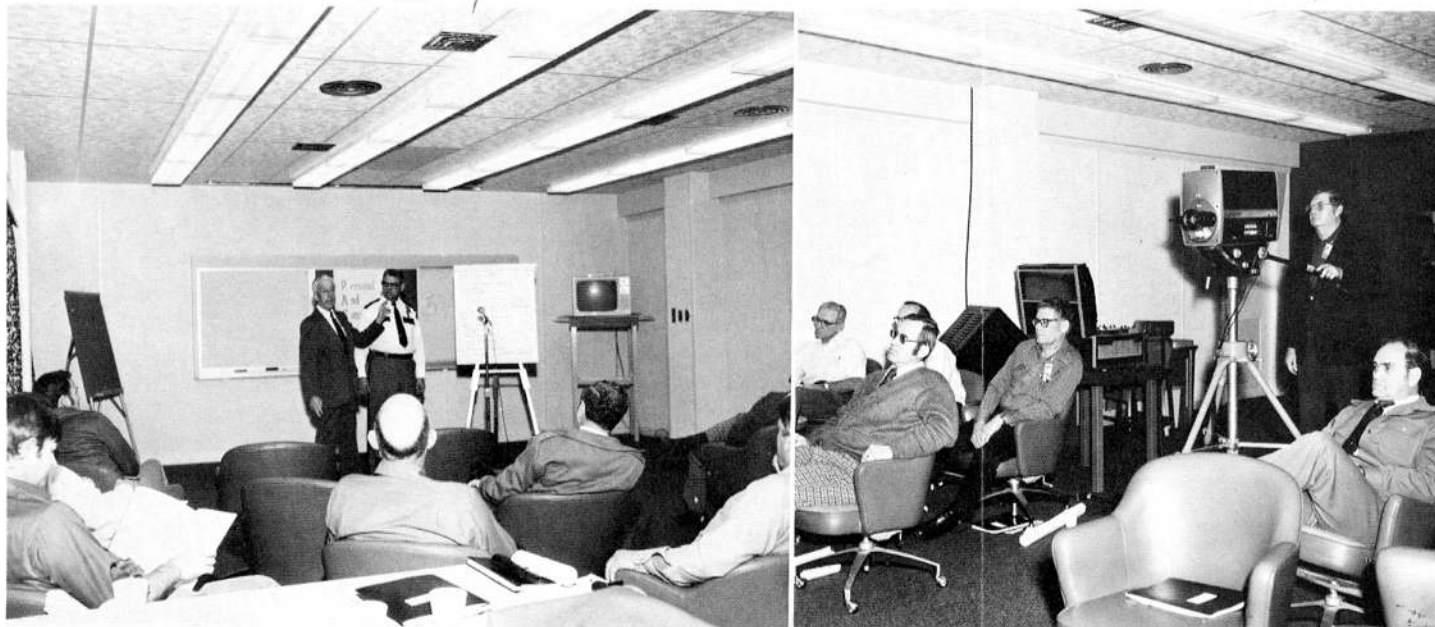
The lawmakers reconvened at the Holiday Inn later in the afternoon for

(Continued on page 10)









**PACT SESSIONS AT PADUCAH** — Gerald F. Lotz, fire and guard captain at the Paducah Plant, presents a safety talk to a "sympathetic" audience made up of his peers, in photograph at left. This is one of the exercises included in "PACT" a training program for supervisors. Joe White, one of the instructors in the program, at left, observes the presentation. At right, Keith Bryant mans a closed-circuit television set, zeroing in on the action.

## 'PACT' program at Paducah developed for supervisors

A new training program, especially designed for first-line supervisory personnel, has been developed in the Employee Relations Division at the Paducah Gaseous Diffusion Plant.

The program is called "Personal and Communications Training" (PACT). Its purposes are to help the supervisor develop confidence in his ability to talk to a group of people, and provide him with the know-how needed to organize and present a talk so that others will listen, understand and remember what he has said.

The Paducah program is an adaptation of Union Carbide Linde Division's program called "Linde LIVE."

PACT uses "safety" as its basic theme, mainly because safety is a subject common to supervisors in all areas of the plant. The program is divided into three sessions; two half-days and one full day. PACT, which is currently in its fifth week, involves about 15 supervisors each week.

Benefits to be gained from the program include: increased confidence and ability to talk to a group; elimination of nervous habits and effective use of eye control; ability to organize and present a program through the use of visual aids; ability to think clearly and answer questions "on your feet;" increased safety knowledge and, as a result, the ability to conduct more effective safety meetings.

PACT, which is a unique training program, incorporates personal contact with the use of videotape machines. Trainees make presen-

tations to an audience composed of their peers. The presentations are recorded on videotape. Instant replay enables the trainees to criticize and appraise their own performance and progress.

The Paducah program was developed and is administered by Keith Bryant and Joe White. White retired from the Paducah Plant about three years ago, and is currently serving as a consultant.

### Wise Investment

When you support the American Cancer Society's programs of research, education and service to the cancer patient, you make an investment for a future when people can live without fear of cancer.



**WORLD PRESS FELLOWS** — World Press Institute Fellows, a group of professional journalists from abroad, recently visited facilities in the Oak Ridge plants. Union Carbide was their host for the day's briefing and tour. The goal of WPI is to acquaint the visiting writers with an open and unfettered view of American society at every level so they may return to their countries and report news of the United States more accurately and with deeper understanding. From left, in the front row, are Sa'ad Hashim, Malaysia; K.P. Mohanan, India; Poldi Gerard, student driver from Macalester College; Thai Phuc Ly, Vietnam; Helen Doerpinhaus and Peter Hoeger, drivers. In the second row are Ted Miller, executive director, WPI; Rafic Maalouf, Lebanon; Warren Mayne, New Zealand; Yakubu Abdulazeed, Nigeria; Saul Galvao, Brazil; Pentti Suominen, Finland; and Istvan Kollar, Hungary.

## COMPANY Service

20 25 30

### Y-12 PLANT 30 YEARS

Elva J. Combs, production analysis; James S. Tilley, chemical services; and Carl W. Hawkins, machine maintenance.

### 25 YEARS

John P. Raymer Jr. and Charlie M. McCarley.

### 20 YEARS

Clarence W. Williams, James E. Bullen, Lynn B. Cabe, James H. Marcum, Woodrow W. Raper and James A. Stanton.

### ORGDP 30 YEARS

Irene Moore and Erma L. Malone, food services; Virgil J. Silver, barrier TIA barrier manufacturing; William D. Powell, maintenance engineering department; Roy E. Watson, cascade maintenance department; Samuel J. Senatore, Engineering; Alfred W. Meyers, instrument fabrication department; Loren M. Lund, experimental barrier development; William E. Ferguson, dimensional inspection; Edward L. Hall, grounds maintenance department; Clarence G. Mowell, stores department; Gordon J. Ramey, fabrication shop department; and Alvin C. Linkous, guard department.

### LABORATORY 30 YEARS

Oscar D. Moss, Plant and Equipment; Kurt A. Kraus, Chemistry; and Albert A. Wiseman, Isotopes.

### 25 YEARS

Edward S. Bomar Jr., John W. Brown Jr., Ned J. Kiker, Elbert T. Deaderick, Roger S. Carlsmith and Norman C. Bradley.

### 20 YEARS

John A. Auxier, Charles D. Goodman, Grady W. Clark, Billy F. Hitch, James V. Brock, James Macres and Roy E. Thomas.

## PATENTS Granted

To William A. Walker, Carl A. Burtis and Wayne F. Johnson, HNL, for "Automated Sample-Reagent Loader."

Charles A. Culpepper, Holifield National Laboratory; James T. Tidwell, Donald S. McGlasson and Charles E. Weaver, all of Oak Ridge Gaseous Diffusion Plant, for "Passivation of Braze Joints to Fluorinating Atmospheres."

To L. Eugene McNeese, Fred J. Smith and Leslie M. Ferris, HNL, for "Method for Removing Rare Earths from Spent Molten Metallic Fluoride Salt Mixtures."

To Alvin R. Irvine, HNL, for "Shipping Cask Neutron and Heat Shield."

To William B. Howerton, John M. Schmitt and David J. Crouse Jr., HNL, for "Method for Removing Alkyl Iodides from Air by Mercuric Nitrate Solution."

## NUCLEAR DIVISION NEWS

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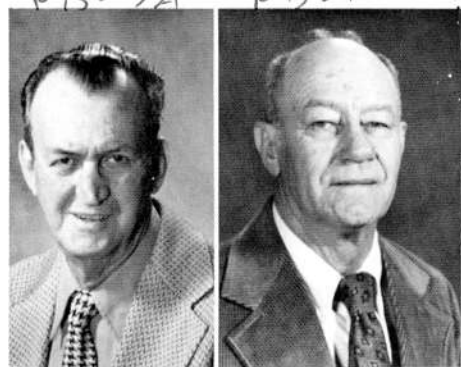
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## Division Retirees

Six additional Y-12ers were added to the Union Carbide retirement roles at the end of January.

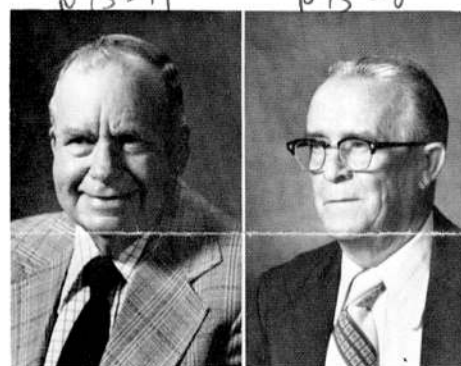


Bridges

Krouse

Carl B. Bridges Sr., dispatching department, ended more than 22 years' company service. He lives at Route 2, Early Drive, Powell.

Henry W. Krouse, a captain in the fire and guard department, retired on his 30th anniversary with Union Carbide. He lives at 5636 Kentwood Drive, Knoxville.



Roland

Sise

Ed F. Sise, A wing shop, had in excess of 27 years' company service. He lives at 695 West Outer Drive, Oak Ridge.

James T. Roland, area 5 maintenance, lives at Route 7, Harriman. He came to Y-12 in 1945.



Weaver

Westmoreland

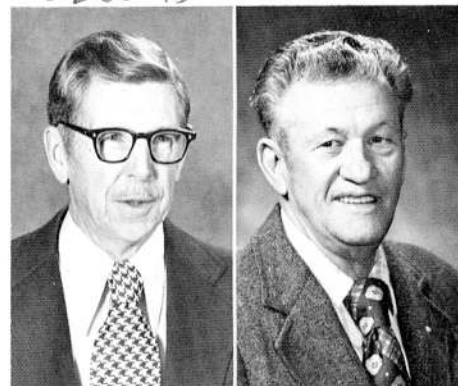
Elmer W. Weaver, also in area 5 maintenance, completed 22 years' company service recently. He lives at Route 4, Joyce Lane, Powell.

Claude L. Westmoreland, buildings, grounds and maintenance shops, joined Union Carbide in 1950. He lives at Route 7, Harriman.

Three additional employees retired from the Holifield National Laboratory on February 1.

Robert W. Horton was a development specialist in the Chemical Technology Division. He had worked at the Laboratory since March, 1952. He and his wife, Marion, reside at 9105 Lullaby Road, Oak Ridge.

Joseph K. Lewis had worked in the Nuclear Division for over 18 years. He was a power equipment operator in



Horton

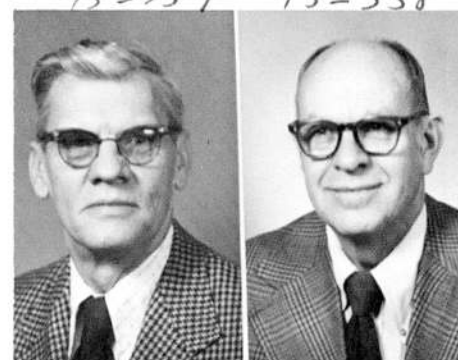
Lewis

the Plant and Equipment Division. He and Pearl, his wife, live in Lenoir City. They have a daughter, Barbara Littleton (who works at the Y-12 Plant) and two grandsons.



Wright

Cordell W. Wright Jr., took early retirement. A machining foreman in Plant and Equipment, Wright had 29 years of company service credit. He and his wife, Murtie, reside at 201 Farlow Drive, Concord. They have two sons and a daughter.



Strache

Robinson

Two Oak Ridge Gaseous Diffusion Plant employees retired January 31.

Ewart S. Robinson, barrier plant training supervisor in the Barrier Manufacturing Division, joined Union Carbide at the South Charleston (W. Va.) location in 1934. He transferred to ORGDP early in 1944. He lives at 100 Peach Road, Oak Ridge.

Arnold A. Strache, a computing application analyst in management services, retired ending more than 12 years' company service. He lives at 140 Pembroke Road, Oak Ridge.

### A Great Wish

"We Want to Wipe Out Cancer in Your Lifetime," is the wish of the American Cancer Society's 2.3 million volunteers as they conduct the 1975 ACS fund-raising and educational crusade.

## HNL initiates pilot study for lung cancer screening

The announcement of a new research program at Holifield National Laboratory was made recently by Dr. Thomas A. Lincoln, Medical Director. The HNL Lung Cancer Screening Research Program was introduced during a special seminar which had as its speaker, Dr. Geno Saccomanno. Dr. Saccomanno is an internationally known expert in sputum cytology, a lung cancer screening technique, which he helped to develop. He is currently on the staff of St. Mary's and Veterans' Administration Hospitals in Grand Junction, Colo.

Dr. Lincoln serves as Director of the HNL program which is funded through The University of Tennessee's East Tennessee Cancer Research Center by the Mid-South Regional Medical Program of the U.S. Department of Health, Education and Welfare.

### Pilot study at HNL

The program at the Laboratory is a pilot study which will be used to plan the coordination of lung cancer detection efforts by existing industrial and public health medical programs in East Tennessee.

Specific objectives of the program are:

1) To provide data on the prevalence of atypia in a working population (atypia is a degenerative change in the lung which may be precancerous and can be detected by examining cells coughed up in the sputum).

2) To prove the feasibility of collecting multiple sputum specimens of good quality from volunteers in a work setting.

3) To identify high risk populations on the basis of history of exposure to pulmonary irritants, history of lung disease and degenerative changes in cells which are found in the sputum.

4) To screen a working group for lung cancer.

### Volunteers wanted

Dr. Lincoln is now soliciting Laboratory volunteers to participate in the program. Volunteers who qualify will be asked to: report to the medical facilities in Building 4500-N; fill out a questionnaire on history of respiratory symptoms, smoking habits and other exposure to pulmonary irritants; collect personal sputum samples after inhaling an aerosol mixture; and return in approximately one week for a second collection.

Especially wanted are employees who:

1) Are age 40 or more.  
2) Have smoked one or more packs of cigarettes a day for 20 or more years.

3) Have a history of chronic lower respiratory tract disease, such as emphysema, chronic bronchitis, recurrent pneumonias, healed tuberculosis, pulmonary fibrosis, lung abscess, foreign body removed or still present in lung.

4) Believe they have received exposure to pulmonary irritants other than or including tobacco smoke; especially asbestos, arsenic, nickel carbonyl and chromium.

5) Are cigar and/or pipe smokers.

A few non-smokers will also be screened.

### Employees who cannot participate

Employees who have one or more of the following characteristics are asked not to volunteer for the program:

1) Anyone on a low salt diet for heart failure or severe hypertension.

2) Patients with bronchial asthma.

3) Patients with severe respiratory insufficiency.

4) Employees who have had a cold within 10 days of the time of collection.

5) Employees who have had pneumonia or acute bronchitis within 30 days.

6) Anyone unable or unwilling to return for a second collection.

Participants will be notified of their test results. Limited follow-up testing will be provided for specific cases.

To volunteer or receive additional information call the Health Division at extension 3-6681. It is expected that some demonstration collections can be scheduled at the Oak Ridge Gaseous Diffusion Plant and the Oak Ridge Y-12 Plant.

## Division Deaths

Lloyd B. Jones, in support engineering at the Y-12 Plant, died February 6 in the Oak Ridge Hospital.

He joined Union Carbide in 1951 at the Oak Ridge Gaseous Diffusion Plant. From 1944 until 1946 he served in the U.S. Army Air Force. He held a B.S. degree from Southern Methodist University, and a M.S. degree in civil engineering from The University of Tennessee. He was



Mr. Jones

active in the Tennessee Society of Professional Engineers, serving as the Oak Ridge chapter's first president, and also as president of the Knoxville chapter. In 1973, Mr. Jones received the Outstanding Service Award from TSPE.

A native of Eldorado, Ark., he was with the Bridgand Highway Design Department in Greenville, Tex.

Mr. Jones is survived by his wife, Vestel Jones, and a daughter, Pamela, 111 Colby Road, Oak Ridge; and his parents, Mr. and Mrs. Chester C. Jones, Junction City, Ark.

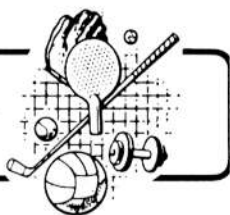
Funeral services were held at the Covenant Presbyterian Church with the Rev. James Harrel officiating. Final rites and burial took place in Woodlawn Cemetery, Eldorado.

## Next Issue

The next issue will be dated March 6. The deadline is February 26.



## RECREATIONOTES



### Y-12 BOWLING

The Rounders leap to an early lead in the C League, as the second half gets into earnest competition. Ray Smith and Howard Horne have each rolled a 238 game, with Horne on top of handicap singles with a 273. Smith takes series honors with counts of 663/711.

The Friskies still claim honors in the Y-12 Mixed League, several points ahead of the nearest competitor. Jeff Dewort, rolling for the Teardrops, dropped a 261 handicap game, 648 handicap series recently.

The Smelters rolled a 1079 handicap game recently to cap first place in the Classic League. Harold Zang's 268 scratch game, and Bill Ladd's 699 scratch series remain high, and will probably continue so.

### ORGBP BOWLING

Mary Foley paced bowlers in the ORGBP Women's League recently, posting a series of 555/609. The Uptowners claim a five and one-half point lead in standings of late.

In the Tuesday League, L.C. Finley took singles honors recently with a 247/269 game, while Hal Gunter posted series in the order of 629/692! The All Stars still have a comfortable lead over the other seven teams.

The Planners won the roll-off in the Wednesday League, and rolling began in the season's second half, with three teams in the new lead: The Amps, Mix-Ups and Protectors. Gary McFarland led bowlers with a 247 game, while Jim Conner posted a 650 series in January rolling.

### SOCCER

Soccer play begins Sunday, February 23 at 2:30 p.m. at the Oak Ridge High School. Interested parties should come for the fun. It will continue on Sundays throughout the spring.

### HNL BOWLING

The A League puts the Ten Pins out front, a breath ahead of the Gutterfinks "A" and Misfits. The Ten Pins' Paul rolled a 684 handicap series to star in a recent night of rolling.

The Pin Heads are a scant two-point leaders in the C League race. R.C. Ross, with the Trupers, posted a 642 scratch series to lead individuals in January.

The Bowling Aces edge out front in the HNL Ladies League, as the Mousechasers and Pickups stay in there. Elizabeth Phipps rolled a 211 game recently and Mary Long put a 252 handicap single on ice.

The Untouchables touched the top of the rim in the Carbide Family Mixed League, to share honors with the Oops team, as the Lucky Strikers stay within striking distance.

Jack Beams rolled a 606 handicap series recently to lead the males with Edith Duckworth rolling a 611 to top the distaff alley people.

### GOLF TOURNAMENT SITES

**Golfers, take note! Spring will soon be evident in the hills surrounding Oak Ridge. So it's time to dust off the old golf clubs. In the next issue, Recreation will post locations and dates for spring and summer play. You can clip and save for your summer schedule.**

### HIGH POWER RIFLE LEAGUE

The All Carbide High Power Rifle League will hold its first match in early April. Matches are set for Saturdays on April 5, 26; May 10; June 7, 21; and July 19. Any Union Carbide employee may participate.

Firings begin at 8:30 a.m. at each match.

Details may be obtained from the Recreation Office, extension 3-5833; or from league officers: Hugo Bertini, 3-6095; J.E. Brewer, 3-3206; or Carl Brewster, 3-7554.

### CARBIDE BOWLING TOURNAMENT

Carl Butcher and Mary Foley are the king bowlers thus far in tournament rolling, as alleymen face last-minute bowling this past Saturday. Butcher's 1753 scratch All Events score stands high, and Mrs. Foley's 1521 score is high among women bowlers.

Team scores in handicap rolling, among men, are as follows: Pinheads, 2985; Big Five, 2968; Splinters, 2968; Knuckleheads, 2965; Sunflowers, 2965; Amps, 2926; and Rounders, 2895.

In men's singles, also handicap scoring, it's Carl Butcher, 678; Karl Rapp, 657; J.A. Drake, 653; M. Wilkerson, 652; W.J. Redmond, 648; Del Ducay, 644; B.C. Bowers, 642; L. Finley, 641; Bill Hicks, 633; Del Lay, 631; C. Moore, 631; and L. Hensley, 624.

In All Events handicap it's Butcher with 1879; D.H. Palkowski, 1819; and Chester Hinton, 1804.

Men's doubles see winners of Manning-Bullock, 1319; Gladson-Butcher, 1309; Brooks-Bowers, 1227; Gray-Kitchings, 1208; Hinton-Hawkins, 1207; Brown-Kerr, 1204; Rapp-Hale, 1200.

In Mixed doubles, apparent winners are Mook-Wilkinson, 1239; Hale-Hale, 1220; Bradley-Kuehn, 1188; and Johnson-Brown, 1173.

Women bowlers, in team events, have the Woodbees out front with 2849, the Hp-Ettes, 2755; Mousechasers, 2754; Starlites, 2746; and the Payoffs, 2707.

In doubles, it's Long-Groppe with 1202; Lively-Williams, 1190; Carmack-Clower, 1187; and Gunter-Griffies, 1177.

In singles Judy Williams stands tall with 627; Clyde Montgomery, 623; Vernice Clower, 621; Tillie Plaza, 609; and Sandy Beidel, 607.

In handicap all events rolling, it's Irene Carmack, 1782; Clyde Montgomery, 1778; and Mary Foley, 1710.



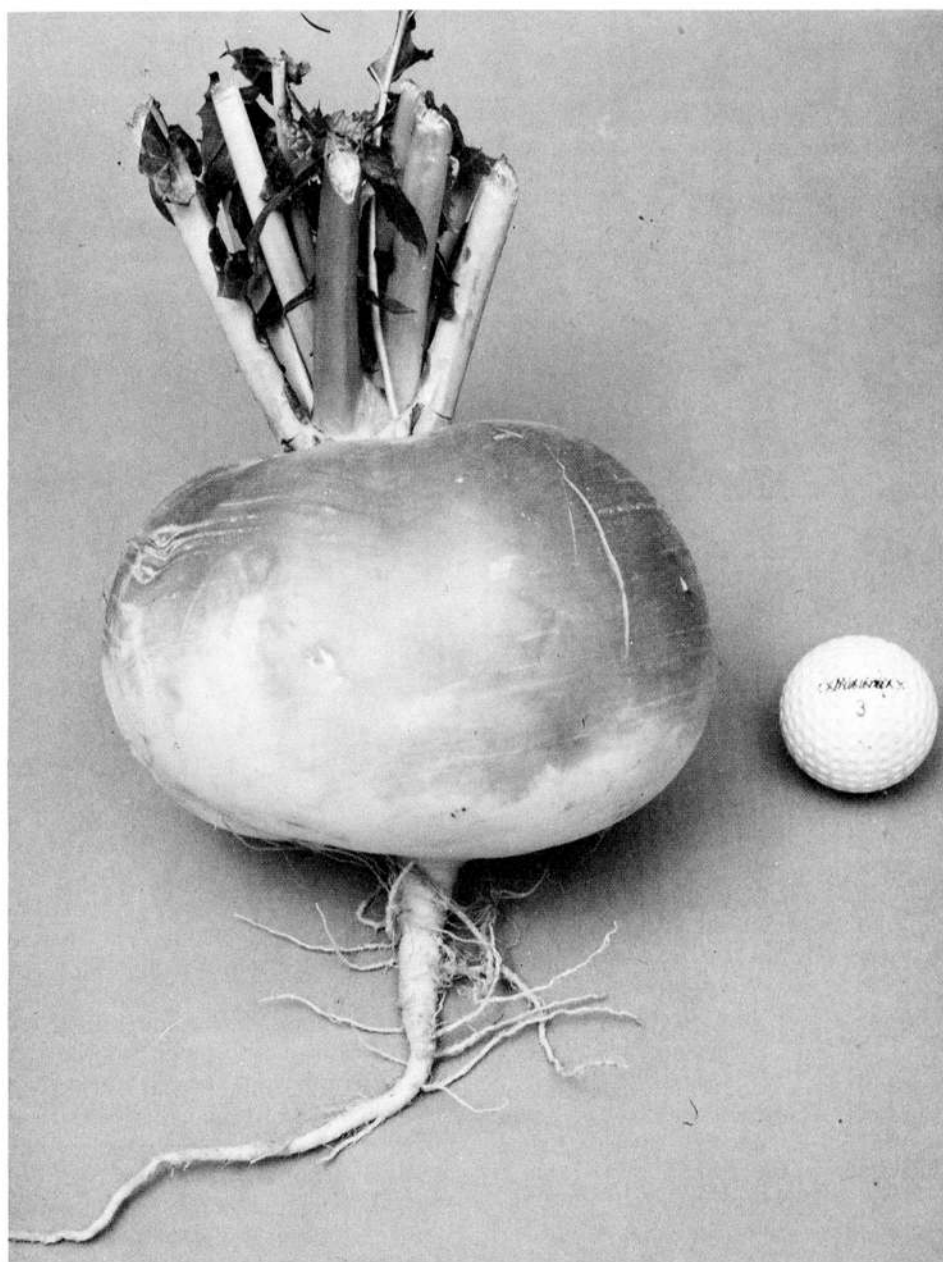
**K-25 CREDIT UNION OFFICIALS** — Officers for 1975 for the K-25 Credit Union are seen at a recent meeting. Seated from left are Bert Kelly, Ewell Thompson, Evelyn Cole, V.O. Maggart, board of directors; George Bullock, credit committee; John Shumpert, board of directors; and Hardin Bryant, a former official in the credit union. Standing are Volney Goddard, a former official; William G. Schwab and William H. Suffridge, supervisory committee; Herman L. Mims, manager; Douglas R. Carter and Charles E. Goodman, board members; Harold Gunter and Mel Strickland, credit committee; George Domras, a former official; and Louis Atherton, assistant manager.

### OAK RIDGE WAS NAMED

The 59,000 acres known as the Clinton Engineer Works was acquired in the fall of 1942. Construction of the town of Oak Ridge cost approximately \$96,000,000. In the spring of 1943, the District Engineer asked employees for a name for the community. Many suggestions were made, including names of prominent people in the country. Final determination was made on Oak Ridge,

however, for two reasons: the site on which the town was built was known as Black Oak Ridge, and its rural connotation held outside curiosity to a minimum.

You can be sure you have reached middle age when your weightlifting consists of merely standing up.



**HEALTHY TURNIP** — Claude Bridges, Oak Ridge Gaseous Diffusion Plant's plant records, recently produced this giant turnip at his Route 4, Loudon, home. The giant vegetable weighed three pounds, four ounces.